

Figure 1. Example Digital Loop Carrier Network

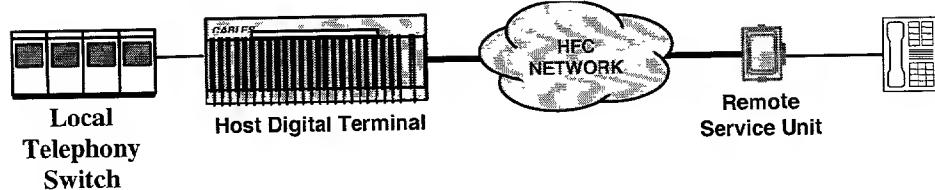


Figure 2. Example Telephony HFC Access System

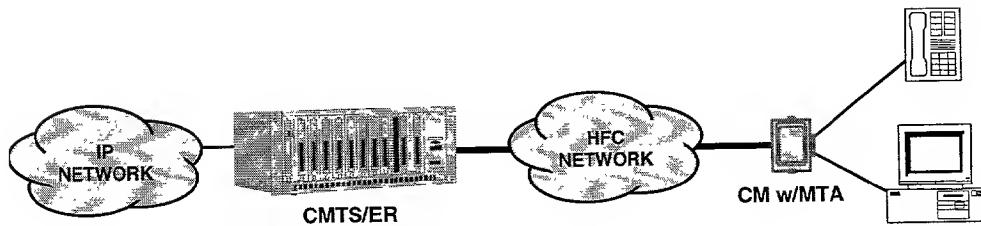


Figure 3. DOCSIS Based Telephony and Data HFC Access System

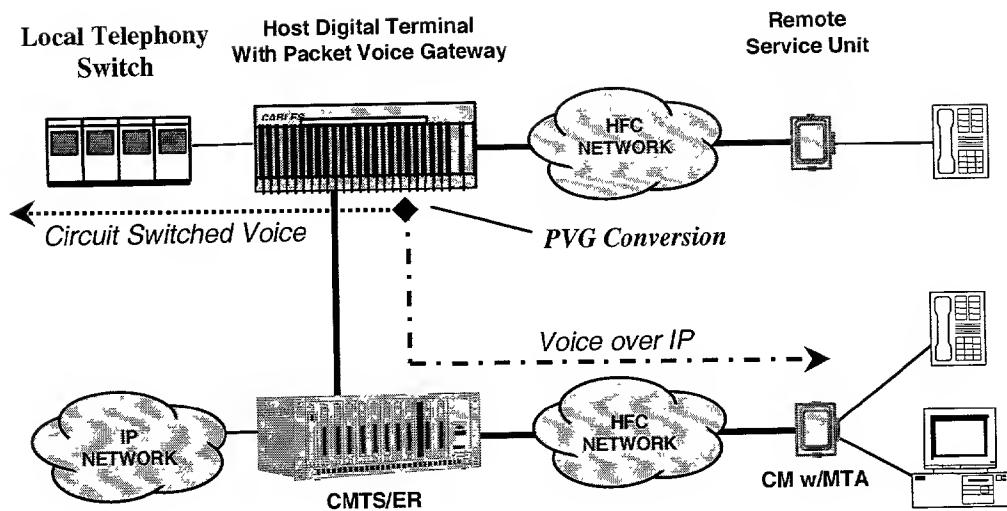


Fig. 4. Example IP Access Network Conversion using the Bi-Directional PVG of the present invention in a HDT

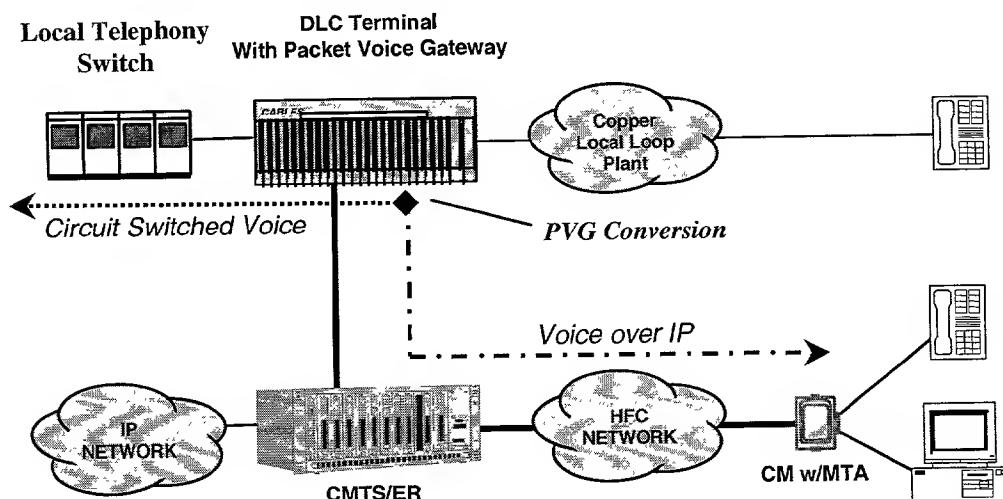


Fig. 5. Example IP Access Network Conversion using the Bi-Directional PVG of the present invention in a DLC Terminal

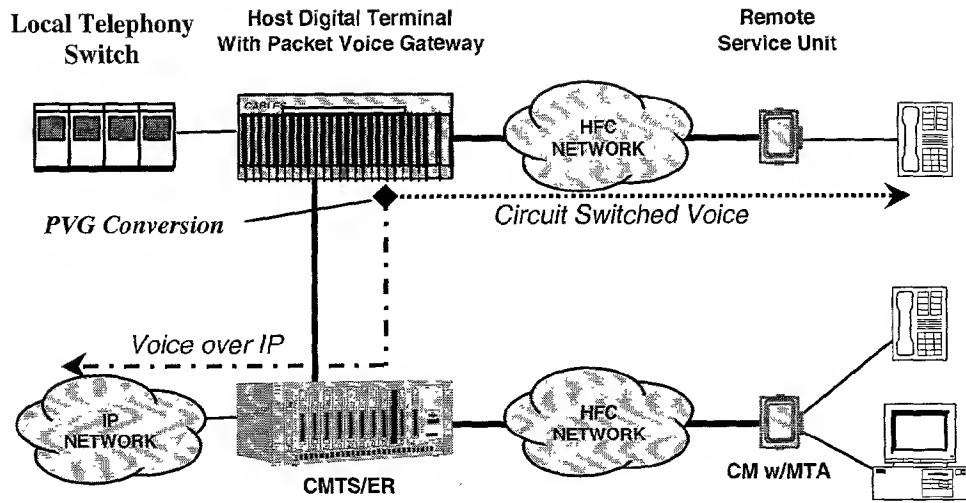


Fig. 6. Example Circuit Switched Access Network Conversion using the PVG of the present invention in a HDT

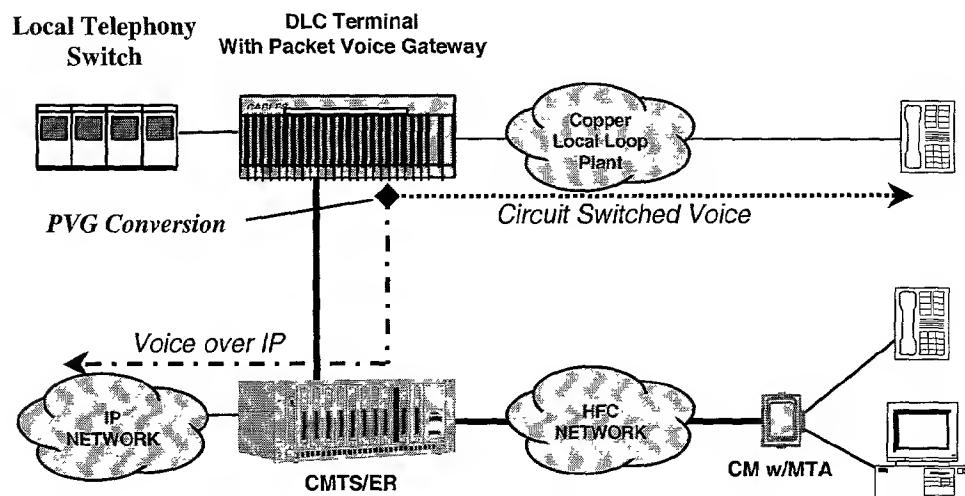


Fig. 7. Example Circuit Switched Access Network Conversion using the PVG of the present invention in a DLC Terminal